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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/865,163

05/23/2001

Martin B. Nilsson

Spotfire04

2828

25877

7590

04/07/2003

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EXAMINER

SHAPIRO, LEONID

ART UNIT

PAPER NUMBER

2673

DATE MAILED: 04/07/2003

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/865,163

Applicant(s)

NILSSON ET AL.

Examiner

Leonid Shapiro

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 23 May 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s) ____.
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____ 6) ☐ Other:

Specification

1. The disclosure is objected to because of the following informalities: On pages 10-11 call –out generation module is item 167. In Fig. 1 it is item 163.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-5, 9-15 rejected under 35 U.S.C. 102(e) as being anticipated by Mizumura (US Patent No. 6,526,232 B1).

As to claims 1,12, 14, Mizumura teaches a method for inputting at least one parameter into computer or into application executing on a computer or system with following steps: for at least one input parameter, displaying on a display at least one associated primary graphical input device that has a state that is graphically controllable by a user via at least one predetermined primary input action and that corresponds to a value of the respective input parameter (See Fig. 7, items 230,232,234,24,26, in description See from Col. 8, Line 64 to Col. 9, Line 5); sensing user selection by mouse (See Fig. 1, item 24, in description See Col. 3, Lines 24-45) of the primary graphical input device (See Fig. 7, item 224, in description See Col. 8, Line 66 to Col. 9, Line 5); associating with the primary graphical input device at least one predetermined non-

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graphical, secondary input action by keyboard (See Fig. 1, item 26, in description See Col. 3, Lines 24-45) corresponding to secondary input by user of the value of the respective input parameter (See Fig. 7, items 230,232,234,24,26, in description See from Col. 8, Line 64 to Col. 9, Line 5); while the primary graphical input device is selected: sensing any of primary as well as well as any of the secondary input action of the user; interpreting the sensed input action of the user as input data; and setting the value of the input parameter to correspond to the input data (See Fig. 7, items 230,232,234,24,26, in description See Col. 9, Lines 6-15).

As to claim 2, Mizumura teaches the steps of generating on the display a secondary graphical input device upon sensing user initiation of any secondary input action, and displaying within the secondary graphical input device data entered by the user as the secondary input action (See Fig. 7, items 230,232,234,24,26, in description See Col. 9, Lines 1-15).

As to claim 3, Mizumura teaches the step of associating the values of a plurality of adjustable displayed portions of a single primary graphical input device (See Fig. 7, items 230,232,234, in description See Col. 9, Lines 1-15).

As to claims 4-5, Mizumura teaches steps of associating a respective activation region of the primary graphical input device with each displayed portion; sensing user selection of the activation regions; and upon user initiation of a secondary input action, setting the value of the parameter associated with the selected activation region equal to data entered by the user (See Fig. 7, items 230,232,234,24,26, in description See from Col. 8, Line 64 to Col. 9, Line 15).

As to claim 9, Mizumura teaches the input parameter is alphanumeric strings (See Fig. 7, items 230,232,234, in description See Col. 8, Lines 63-65).

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As to claim 10, Mizumura teaches primary user input actions performed by maneuvering a cursor-control device; and secondary user input action performed using an alphanumeric input device (See Fig. 7, items 24,26, in description See from Col. 8, Lines 63 to Col. 9, Line 2).

As to claims 11,13,15, Mizumura teaches selecting the primary graphical input device by maneuvering a non-alphanumeric, cursor-control device to position an on screen cursor on a primary graphical input device; performing the primary input actions using the non-alphanumeric, cursor control device; and performing the secondary input actions using an alphanumeric input device (See Fig. 7, items 24,26, in description See from Col. 8, Lines 63 to Col. 9, Line 15).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claim 6 rejected under 35 U.S.C. 103(a) as being unpatentable over Mizumura as aforementioned in claim 1.

Mizumura teaches three values input by the user into secondary graphical input device and three parameters associated with corresponding displayed portion of the primary graphical input device (See Fig. 7, items 230,232,234,24,26, in description See from Col. 8, Line 64 to Col. 9, Line 15).

Mizumura does not show if the number of values input is greater than number of parameters, subdividing an adjustable displayed of the primary graphical input device into a number of displayed adjustable portion corresponding to the number of values input; and if the number of values input is less than the number parameters, joining corresponding ones of the adjustable displayed portions. It would have been obvious to one of ordinary skill in the art at the time of invention that these adjustments of an adjustable displayed portion of the primary graphical input device (joining or subdividing) in Mizumura apparatus will require complete redesign of the primary graphical input device with user consent.

4. Claims 8, rejected under 35 U.S.C. 103(a) as being unpatentable over Mizumura as aforementioned in claim 1 in view of Amro et al. (US Patent No. 5,950,216).

Mizumura does not show a page-selection scroll bar of word-processing program; and the parameter is a page number.

Amro et al. teaches a page-selection scroll bar of word-processing program; and the parameter is a page number (See Fig. 1, items 58,54,52, in description See Col. 6, Lines 30-43). It would have been obvious to one of ordinary skill in the art at the time of invention to use a page-selection scroll bar of word-processing program; and the parameter is a page number as shown by Amro et al. in Mizumura apparatus and method..

5. Claim 7 rejected under 35 U.S.C. 103(a) as being unpatentable over Mizumura as aforementioned in claim 1 in view of Asmuth (US Patent No. 5,261,093).

Mizumura does not show a query parameter in a database analysis routine.

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Asmuth teaches a query parameter in a database analysis routine (See Fig. 2B, item RESULTS TABLE, in description See Col. 4, Lines 36-44). It would have been obvious to one of ordinary skill in the art at the time of invention to a query parameter in a database analysis routine as shown by Asmuth et al. in Mizumura apparatus and method.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

The Smith (US Patent No. 5,745,103) reference discloses real-time palette negotiations in multimedia presentations.

The Sumino et al. (US Patent No. 5,682,490) reference discloses user adaptive parametric macro creation system and method.

The Misono et al. (US Patent No. 5,574,909) reference discloses apparatus and method for data search using selected or representative data sample.

Telephone inquire

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Leonid Shapiro whose telephone number is 703-305-5661. The examiner can normally be reached on 8 a.m. to 5 p.m..


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bipin Shalwala can be reached on 703-305-4938. The fax phone numbers for the

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organization where this application or proceeding is assigned are 703-872-9314 for regular communications and 703-872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-4750.

Is
April 2, 2003


BIPIN SHALWALA
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 1500